



[http://intel.com/
go/digitalhome](http://intel.com/go/digitalhome)



The Digital Home Experience —and You

Are You Ready for the Digital Content Revolution?

The widespread availability of high-quality MP3 digital audio, digital television, digital cameras, digital home video, DVD, and creative software applications are all contributing to the surging popularity of digital consumer electronics (CE) devices. High-speed broadband Internet, recordable CD and DVD products, 802.11 wireless networking, and new generations of handheld computing devices make the promise of digital media even more compelling.

Taking the revolution one step further, Intel's digital home vision lets you wirelessly network CE devices, harnessing the power of PCs based on the Intel® Pentium® 4 Processor with HT Technology¹ and the excitement of new digital media adapters.

Discover how Intel technology is bringing the digital experience home.





DIGITAL HOME

Digital Media What's Next

Digital home technologies let consumers use their CE devices from anywhere in the home. High-speed broadband Internet connections provide access to exciting digital content and services, and networked high-performance PCs allow consumers to access digital media virtually "anytime, anywhere" by distributing it to many types of networked CE devices.

Two emerging technologies will make this digital home vision even more exciting:

- Wired and wireless digital media adapters (DMAs) based on Intel technology make it possible to transfer digital audio, photos, and video between your home PC and TVs and stereos.
- Universal Plug & Play (UPnP)* architecture will let you plug and unplug devices on the network with ease. UPnP also makes these CE devices programmable, so they can be controlled across the network using the PC or a handheld device (PDA or tablet PC).

These technologies, combined with the high performance of Intel® Pentium® 4 processor-based PCs, are setting the stage for the next wave of exciting digital media, such as video-on-demand, and a new generation of CE products including sophisticated new wireless computing devices, advanced display technologies, and the breakthrough quality of High-Definition TV (HDTV).



DIGITAL VIDEO

The Digital Home What It Means to You

The digital home makes enjoying digital entertainment and information part of the fabric of daily living. Networked PCs and CE devices work together in the digital home to distribute, store, enhance and share content, helping users experience the true benefits of digital media whenever and wherever they want, in compelling new ways.

Now an entire family can enjoy digital photos, video, and music anywhere in the home. Users can enhance and edit video, images and music, while using the PC to organize their digital files for easy access "anytime, anywhere."



PCs for the Digital Home Incredible Control at Your Fingertips

Today's high-performance PCs give family members a new dimension of creative control over digital media. Wireless technologies overcome the barriers of walls, outlets and wires that previously added only to the complexity—not the enjoyment—of digital media.

With new digital home technology, it's possible to watch TV broadcasts on a PC, browse through a library of digital photos on a TV, stream MP3 music to a home theater, and put together a creative TV slide show set to custom music.

The limitations of room layout, floor plans, network connections, the location of the PC itself, or small displays and speakers no longer restrict your enjoyment of digital media.

Intel Technology Brings It All Home

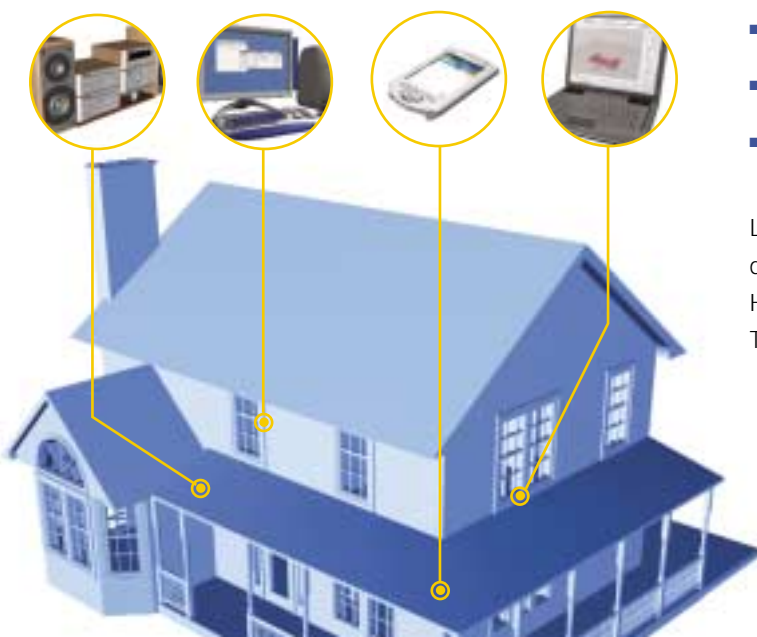
HT Technology is like turbo-boosting your PC, providing the power to run applications for multiple users throughout the home.

PCs based on the Intel Pentium 4 Processor with HT Technology let different members of the family view photos, listen to music, watch videos, play games, or watch, record, and pause live TV broadcasts—all at the same time.

HT Technology lets a single processor run two separate threads of software at the same time. The result is outstanding performance and responsiveness with multiple applications:

- Watch a full-screen DVD movie while converting music to MP3s in the background
- Play a multiplayer 3-D game while video conferencing
- Edit photos while running a virus scan
- Process video and audio files at the same time
- Record one movie while watching another

The possibilities are limited only by your imagination. Learn more today about the performance of PC for the digital home based on the Intel Pentium 4 Processor with HT Technology, and bring the digital experience home. To learn more visit: www.intel.com/go/digitalhome



For more information, visit the Intel Web site at: www.intel.com/go/digitalhome

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1. HT Technology requires a computer system with an Intel® Pentium® 4 processor supporting HT Technology and a HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use.

See <http://www.intel.com/info/hyperthreading/> for more information including details on which processors support HT Technology.

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